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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

PERRY, ANTHONY T

ART UNIT

PAPER NUMBER

2879

DATE MAILED: 09/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/017,286

Applicant(s)

CLAUS, HOLGER

Examiner

Anthony T Perry

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 December 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☒ Claim(s) 1-8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 December 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Drawings*

Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### *Claim Objections*

Claims 1-8 are objected to because of the following informalities: Independent claims 1 and 5 claim a second base without first claiming a first base. Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Wakimizu et al. (US 5,220,235).

Regarding claims 1-3, Wakimizu teaches a method for assembling a low temperature light source. Fig. 1 shows the second base 20 positioned next to the first bulb 13 wherein a lead 18 of the first bulb passes through the second base 20 using lead supports 22,24. The second bulb 50A is positioned so that it fits into a groove 44 of the second base 20 such that a portion of the second base is encircled by an open end of the second bulb 50A, and wherein the second bulb 50A and the second base 20 together enclose the first bulb 13. Wakimizu teaches placing an

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adhesive agent in the groove 44 so that the inside of the second bulb 50A is tightly sealed (col. 5, lines 7-10). Since the second bulb fits into the groove 44 and the groove is supplied with an adhesive agent, the adhesive is positioned between a first surface of the second base and an inner surface of the second bulb, between a second surface of the second base and an end surface of the second bulb, and finally between a third surface of the second base and an exterior surface of the second bulb. The adhesive agent is inherently cured after proper placement of the second bulb in order to create the tight seal.

Regarding claim 4, the Wakimizu reference teaches the second base being provided with an extension 32 (see Fig. 1).

Regarding claims 5-7, Fig. 1 of the Wakimizu teaches a low temperature light source comprising a second base 20 positioned next to a first bulb 13 wherein leads 18 of the first bulb pass through the second base 20 using lead supports 22,24. The second bulb 50A is positioned so that it fits into a groove 44 of the second base 20 such that a portion of the second base is encircled by an open end of the second bulb 50A, and wherein the second bulb 50A and the second base 20 together enclose the first bulb 13. Wakimizu teaches placing an adhesive agent in the groove 44 so that the inside of the second bulb 50A is tightly sealed (col. 5, lines 7-10). Since the second bulb fits into the groove 44 and the groove is supplied with an adhesive agent, the adhesive is positioned between a first surface of the second base and an inner surface of the second bulb, between a second surface of the second base and an end surface of the second bulb, and finally between a third surface of the second base and an exterior surface of the second bulb. The adhesive agent is inherently cured after proper placement of the second bulb in order to create the tight seal.

Regarding claim 8, the Wakimizu reference teaches the second base being provided with a lip 32 that extends beyond an exterior surface of the second bulb 50A (see Fig. 1).

### *Conclusion*

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Northrop et al. (US 4,745,323) reads on claims 1-8.

Pederson (US 5,760,531) reads on claims 1-2, 4, 5-6, and 8.

Sica et al. (US 5,729,085) and Wada et al. (US 6,559,600) read on independent claims 1 and 5.

Yaguchi et al. (JP 09-147798) reads on claims 2-4 and 6-8.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Anthony Perry* whose telephone number is (703) 305-1799. The examiner can normally be reached between the hours of 9:00AM to 5:30PM Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel, can be reached on (703) 305-4794. The fax phone number for this Group is (703) 308-7382.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [Anthony.perry@uspto.gov].

*All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.*

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.



Anthony Perry  
Patent Examiner  
Art Unit 2879  
September 5, 2003

Joseph Williams  
*Joseph Williams*